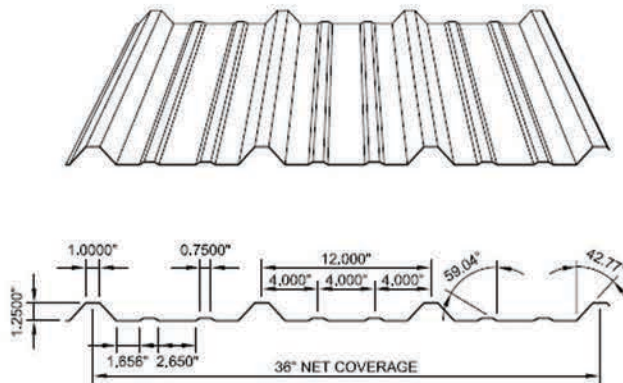


UPLIFT LOAD, R PANEL												
	span type	load type	Uplift - Total Allowable Load in psf, (span in feet)									
			3	3.5	4	4.5	5	6	7	8	9	10
29 Gage(Fy=80ksi)	single span	stress	85.6	62.9	48.2	38.1	30.8	21.4	15.7	12.0	9.5	7.7
		deflection	68.1	42.9	28.7	20.2	14.7	8.5	5.4	3.6	2.5	1.8
	2 spans	stress	58.5	43.0	32.9	26.0	21.1	14.6	10.7	8.2	6.5	5.3
		deflection	174.0	109.6	73.4	51.6	37.6	21.8	13.7	9.2	6.4	4.7
	3 spans or more	stress	68.2	50.1	38.4	30.3	24.6	17.1	12.5	9.6	7.6	6.1
		deflection	144.7	91.1	61.1	42.9	31.3	18.1	11.4	7.6	5.4	3.9
Uplift - Total Allowable Load in psf, (span in feet)												
26 Gage(Fy=80ksi)	single span	stress	120.4	88.5	67.7	53.5	43.3	30.1	22.1	16.9	13.4	10.8
		deflection	100.9	63.5	42.6	29.9	21.8	12.6	7.9	5.3	3.7	2.7
	2 spans	stress	95.8	70.4	53.9	42.6	34.5	23.9	17.6	13.5	10.6	8.6
		deflection	288.2	181.5	121.6	85.4	62.3	36.0	22.7	15.2	10.7	7.8
	3 spans or more	stress	111.8	82.1	62.9	49.7	40.2	27.9	20.5	15.7	12.4	10.1
		deflection	239.7	151.0	101.1	71.0	51.8	30.0	18.9	12.6	8.9	6.5
Uplift - Total Allowable Load in psf, (span in feet)												
24 Gage(Fy=50ksi)	single span	stress	120.4	88.5	67.7	53.5	43.3	30.1	22.1	16.9	13.4	10.8
		deflection	100.9	63.5	42.6	29.9	21.8	12.6	7.9	5.3	3.7	2.7
	2 spans	stress	123.8	91.0	69.7	55.0	44.6	31.0	22.7	17.4	13.8	11.1
		deflection	412.4	259.7	174.0	122.2	89.1	51.6	32.5	21.7	15.3	11.1
	3 spans or more	stress	144.5	106.2	81.3	64.2	52.0	36.1	26.5	20.3	16.1	13.0
		deflection	343.0	216.0	144.7	101.6	74.1	42.9	27.0	18.1	12.7	9.3
Uplift - Total Allowable Load in psf, (span in feet)												
22 Gage(Fy=50ksi)	single span	stress	168.0	123.4	94.5	74.7	60.5	42.0	30.9	23.6	18.7	15.1
		deflection	187.8	118.2	79.2	55.6	40.6	23.5	14.8	9.9	7.0	5.1
	2 spans	stress	174.9	128.5	98.4	77.7	63.0	43.7	32.1	24.6	19.4	15.7
		deflection	571.9	360.1	241.3	169.4	123.5	71.5	45.0	30.2	21.2	15.4
	3 spans or more	stress	204.1	150.0	114.8	90.7	73.5	51.0	37.5	28.7	22.7	18.4
		deflection	475.6	299.5	200.6	140.9	102.7	59.4	37.4	25.1	17.6	12.8

## WESTERN R-PANEL



Section Properties			Top in Compression			Bott. in Compression		
gage	fy	wt	ix	sx	ma	ix	sx	ma
	(ksi)	(psf)	(in <sup>4</sup> /ft)	(in <sup>3</sup> /ft)	(kip-in)	(in <sup>4</sup> /ft)	(in <sup>3</sup> /ft)	(kip-in)
26	80	0.88	0.0376	0.0379	1.2928	0.0317	0.0452	1.6256
24	50	1.12	0.0538	0.0558	1.6717	0.0317	0.0452	1.6256
22	50	1.42	0.0746	0.0789	2.3612	0.0590	0.0758	2.2680

### NOTES:

- Effective section properties are calculated in accordance with the 2004 North American Specifications for the design of Cold-Formed Steel Structural Members.
- Ix Is for the determination of deflection.
- Sx and Ma are for stress determination.